

ABSTRACT OF THE DISCLOSURE

A method is performed for attaching a fan to a rotor assembly for a dynamo-electric machine. A shaft is mounted within a housing of the dynamo-electric machine. The shaft includes an integral shoulder portion for creating an abutment surface. A fan which includes a fan base and a plurality of fan blades protruding from the fan base is mounted on the shaft. The fan base has a central bore wherein an inner circumference of the fan base along the central bore is juxtaposed to the abutment surface. A pair of pole cores is mounted axially along the shaft toward the shoulder portion so as to clamp the fan between a respective end of the pole cores and the abutment surface.